THE TECH

DAILY

VOL. XXIX. NO. 1. BOSTON, MASS., WEDNESDAY, SEPTEMBER 29, 1909 PRICE ONE CENT

PRES. MacLAURIN ADDRESSES 1913

Freshman Class Organizes Today at Meeting in Hunt Hall

Plans for the introduction of the freshmen to the life of the Institute this week have been fully laid by the authorities, the plans including the President's address to the new men and the organization of the class of 1913 this noon in Huntington Hall, the Y. M. C. A. reception Friday evening, and the annual dinner given by The Tech Saturday evening.

Following the time honored custom of the Institute, President Maclaurin will, for the first time since his inauguration as President the Institute last June, address the new men and give them their first official introduction to student life and work of their future Alma Mater. Although the meeting is primarily for new men, all old men will be heartily welcomed.

Immediately following President Maclaurin's address, the new men will be given their first lecture on Military Science by Maj. Lawton. The work for the year will be outlined and general instructions for the year will be given.

1913 will then have its first class meeting.

President Salisbury of the junior class has made full plans for the organization of the freshmen. Following the custom of former years, several prominent juniors will address the new men on Field Day, in its various aspects. President Salisbury will talk on the subject of track; H. D. Williams 1911, will give a talk on football and S. B. Copeland will speak about the tug-of-war teams.

Temporary officers for the class will then be chosen. Following this will come the election of managers for the football, relay, and tug-of-war teams for Field Day this year.

Y. M. C. A. RECEPTION

Friday evening, the Y. M. C. A. reception for new students will be held in the Union. Speeches totalling to about one hour will be made by the representatives of the various activities. As in previous years this is the first opportunity for the new men to become acquainted with each other and to meet a few of the upper classmen. During the evening light refreshments will be served and an orchestra will give a good selection of music.

1911 CLASS PIPES

At last 1911 men are to have their class pipes. The committee, composed of M. Coffin, J. H. Scoville, W. J. Seligman, and W. C. Salisbury, ex-officio, have been at work for some days and hope that the pipes may be delivered before Thanksgiving.

Orders will be taken in the Union from 1 to 2 P. M. every day, commencing tomorrow. The well-known BBB brand has been chosen; and two grades of the same pipe will be offered, giving a choice of price. Four numerals besides the "T" will be inlaid instead of the usual two. All but $1.00 of the price of the pipe must be deposited with the order.

No life in the world has fewer restrictions nor greater possibilities and opportunities than college life.—Pres. Nichols to Dartmouth entering class.

SEASON TICKETS FOR ATHLETICS

Managers of Different Branches of Sport in Charge of Sales

Season tickets for all Technology sports are now on sale. After corresponding with thirty colleges, it was found that almost without exception, they all had some sort of a season ticket ranging from $5 to $17 in price. The price of a season ticket at Tech is only $3.

The tickets are being sold by the managers of the different sports, who must turn over to the Advisory Council $2 for every ticket sold. The difference of $1 goes to that branch of athletics, hence every member should buy his ticket from the manager of the sport in which he is most interested, and thus help to support it.

There are three principal benefits to be derived from this system. First, it will put athletics at the Institute on a firm, financial basis, which has not been the case in the past.

Second: It will do away with the bothersome nagging of students by the different managers for subscriptions and the sale of tickets for each separate contest. It is guaranteed to the student body that upon the support of this system subscriptions will be abolished.

Third: It will secure a larger attendance and hence a livelier interest in all branches of athletics.

The tickets will be punched on presentation for each event so that they cannot be passed outside the fence and used again. The regulations are as follows:

Season Ticket—Regular price $3.00.

Tickets are non-transferable, and must be signed by purchaser.

Ticket holders are not limited to students or those connected with the Institute.

Ticket will give admittance, but not reserved seats to—

1. All home track meets except the N. E. I. A. A.
2. Field Day.
3. All basketball games at Tech gym.
4. All other athletic contests held at the Tech gymn or athletic field under the auspices of the Advisorp Council.

No guarantee is made as to the number of these events.

Season-ticket holders will be given preference to reserved seats (not exceeding two) at

1. Field Day.
2. Track Meets.
3. Tech sections at B. A. A., N. E. I. A. A., and I. C. A. A. A. A. meets.

This step was only taken after it was clearly seen that some radical change was necessary, in order to continue intercollegiate athletics at the Institute. With the support of the student body this system has been universally successful.

MAJ. WHEELER LEAVES

Radical Changes in Freshmen Drill for Coming Year

Major Wheeler, who since 1904 has had charge of the freshman battalion, has left the Institute. Graduating from West Point in 1878 he was wounded in the Spanish-American war and it is this wound, combined with the Eastern climate that has, in part, caused his retirement.

(Continued on Third Page.)

MANY DEPARTMENTAL CHANGES THIS YEAR

Harvard, University of Kansas, and Carnegie Technical Institute Gains

Technology's instruction staff during the past few months has suffered a number of important losses, and some of the oldest men in the service of the Institute have taken positions at other universities.

Most important of these are the resignations of Professors Swain and Clifford of the Civil and Electric Engineering Departments, respectively. Both of these well-known Tech professors have left to take charge of similar departments at Harvard.

The Civil Engineering course has experienced more changes than any other, and besides losing a number of the instructing staff, has been placed on a new basis of administration.

The administration of the department of this year will be placed on an entirely new basis, a department from the usual one-man rule being made, with the reins of the department in the hands of four men with equal power. The professors in charge will be C. Frank Allen, Dwight Porter, Charles F. Spofford, and Arthur G. Robbins. The latter has just been advanced to a full professorship from associate professor. Professor Allen will be considered as business manager, responsible to the corporation, while Professor Spofford will be responsible to the faculty for the policy of instruction.

William E. Mott, associate professor of hydraulic engineering has left for Pittsburg to take charge of the department of civil engineering at the Carnegie Technical School. The office is a coveted one with far higher emoluments than the local position offered.

Professor Mott is a graduate of Technology in the class of '89, and is an associate member of the American Society of Civil Engineers, member of the Franklin Institute, Sigma XI and Theta XI societies. He was assistant in civil engineering at Tech from 1889 to 1890, instructor in the same branch at Cornell 1892-1900, returning to Tech as assistant professor of hydraulic engineering at that date. He was principal assistant engineer for water supply, barge canal survey, State of New York, 1900.

When the authorities of the Carnegie institution were looking about for a man they made advances to Charles B. Breed, professor of railroad engineering at Technology, but the latter did not consider the positions on account of his affiliations with the Boston profession, which held him here.

Professor Foss, who held the chair at Carnegie Tech, leaves to take a position as head of the civil department at the Cooper Institute, his predecessor, Professor Hodgson, going to the Brooklyn Polytechnic Institute to succeed Professor C. F. Spofford, who came to Technology last spring.

Charles B. Breed, author, in conjunction with Professor George L. Hosmer, of the two volume work. "The Principles and Practice of Surveying," is engaged on the preparation in the surveying and railroad engineering section of the new "Engineers' Handbook," which is to be published in a year under the editor-in-chiefship of Professor Mansfield Merriman, formerly head of the department of civil engineering at Lehigh University. The new work is expected to replace the handbooks now in general use and its authors compose some of the most prominent engineers in the country.

(Continued on Third Page.)

FIELD DAY PLANS WELL UNDER WAY

Both 1912 and 1913 Are Starting Work for Class Contest

Active preparations for the 9th Annual Field Day between the two lower classes at the Institute are already under way. According to the notice sent out by Major Briggs, chairman of the Advisory Council on Athletics, this event will occur Friday, Nov. 5.

On this day the question of supremacy beween freshmen and sophomore classes is decided. There are three contests between the two classes, consisting of a football game, a relay-race and a tug-of-war. The football game counts four points. Class numerals are awarded to members of both teams. The relay-race, which is run between the halves, consists of 12 relays of 220 yards each. Class numerals are awarded to the members of the winnig 12. On the tug-of-war team, there are 25 men on each team, and the pull lasts 5 minutes unless one team pulls the other a distance of 5 yards in less time. The relay-race counts three points and the tug-of-war two. The numerals of the winning class are engraved on the field-day cup. On the night of the Field-Day a dinner is given at the Union to all the contestants of the day, and the cup is passed from hand to hand,

Last year the class of 1912 defeated the sophomore class of 1911, the second time since the institution of Field-Day that a freshman class has been victorious.

In view of the excellent showing made last year, 1912 has some ground for looking forward to another victory this fall. The activity of the captains and managers of the teams shows their determination to give 1912 a second Field-Day victory if possible. Training and practice will be started at once. In this respect the freshmen are under a slight handicap, as they are not yet organized and have no officers. The first meeting of the class of 1913 will be held today and temporary officers and managers of teams will be elected to get the work under way.

The sophomore class is particularly fortunate in having practically all the members of last year's teams back. The general enthusiasm of the class is shown by the fact that a great many new men have indicated their intention of coming out for the teams and the veterans will have to work to retain their old places.

Capt. Eicher, of the 1912 football team, who won the game last year for the freshmen by a splendid drop kick in the last few seconds of play, expects that all of last year's team with one exception will turn out again and he says that many other prospective candidates have given their names. The services of a coach from Yale have been secured this year. Both Capt. Eeher and Manager Whittelsey are actively planning the season's work and look forward to a successful team.

Manager Erwin H. Schell 1912 says that the outlook for the relay team is very light. Besides a number of new candidates, most of last year's team will be in line. John S. Grant, the crack Mechanic Arts runner, who scored in the spring meet and the Lawrence Light Guard meet last spring, is captain of the relay team this fall. Benson, who made the varsity 2-mile relay team in the Indoor meet last year. Oettinger, another Mechanics Arts runner, Watkins, Reed, Cartwright, Walker, Robinson, Morgan, Means, Thompson, Herreshof and Becker will all be out again. Schell and Grant intend to start practice at the field on Wednesday and want

(Continued on Third Page.)

THE TECH.

Published daily except Sunday during the college year by students of the Massachusetts Institute of Technology.

Entered as second class matter Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

General Manager,
R. H. Ranger 1911

Editorial Board
H. M. Davis 1911
Editor-in-Chief
W. J. Seligman 1911
Athletic Editor
O. B. Denison 1911
Society Editor

Business Board
N. DeForest 1911
Business Manager
D. N. Frazier 1911
Circulation Mngr.

Associate Editors.

J. Ahlers 1910
A. L. Fabens 1910
S. C. Bates 1911
D. P. Gaillard 1911
G. C. Kenney 1912
J. I. Murray 1912
G. M. Keith 1912

News Staff
L. S. Walsh 1912
E. B. Moore 1912
N. McL. Sage 1912
E. W. Davis 1912
K. N. Wildes 1912

Business Staff
W. O. Whitney 1911
R. M. Barton 1911
S. C. Neff 1912
F. W. Barker Jr. 1912
H. Merrill 1912
H. D. Kemp 1912

All communications regarding advertisements should be addressed to the Business Manager. Regarding subscriptions address the Circulation Manager.

Subscriptions within the Boston Postal District and outside of United States must be accompanied by postage at the rate of onee cent for each copy.

Subscription $1.50 per year in advance
Single Copies 1 Cent.

Printed by Puritan Linotype, Boston

Wednesday, Sept. 29, 1909.

Beginning tomorrow, The Tech will not be on sale until 11:55, when it can be obtained at the usual places.

Today, The Tech starts on the twenty-ninth milestone of its development, but for the first time as a daily. Twenty-eight years ago it was first established as a bi-weekly; seventeen years ago it was changed to a weekly, and five years ago it was changed to a tri-weekly. Each step has been a marked advance, as it is hoped this final one will be.

The price of the paper has been lowered to one cent, and, morever, no subscription books are to be sold. The latter provision was made because of the complaint laid against the impracticability and actual loss to the subscriber of the books often mislaid or lost. So the price has been lowered with the expectation that The Tech will not lose, because everyone will feel able to buy every copy. Many minor changes are also now in force which, however, will probably speak best for themselves.

A great change has been made in the organization by which it is hoped will give a more unified working whole. The departments of business and news have been distinctly separated, each with a specific function to play in developing the paper, and over all has been placed the office of general manager. The editorial opinion has been placed in the hands of the editorial board, instead of one man, with the idea that a broader view of Institute affairs will be obtained.

Mr. H. I. Pearl has left the Institute, and to his position as Editor-in-Chief has been elected Harold Martin Davis 1911. Richard Howland Ranger 1911 has been elected General Manager; Wellesley Joseph Seligman 1911, athletic editor; Orville Boardman Denison 1911, societies editor; Andrew Lawrie Fabens 1910 and Johannes Ahlers 1910, associate editors.

CALENDAR.

Wednesday, September 29.

10:00 A. M.—First exercise of year.
1:00 P. M.—President's address to new men in Hunt Hall.
2:00 P. M.—First lecture on drill and first 1913 class meeting. Hunt Hall.

Friday, October 1.

6:30 P. M.—Y. M. C. A. reception to new men at the Union.

Saturday, October 2.

2:19 P. M.—Train leaves Back Bay for Hyde Park. First hare and hounds' run.
6:30 P. M.—The Tech Dinner to 1913.

RADICAL INNOVATIONS

Dining Room Committee Installs Weekly Board System

The Union dining room opened last Monday under a new management, with a new system and new waiters. The greatest innovation is the Weekly Board Department, whereby a service is started for regular boarders. Under this system the boader pays $5.50 a week, he has a seat at a reserved table on the east side of the dining room, each table furnished with a cloth and a waiter. Club tables may be had, seating 12 men by application to the head-waiter. Receipts for board, paid in advance, are obtainable from the business office and are to be shown on entering and leaving the dining room. In consideration of the fact that many men are away from the city over Saturday and Sunday, an extension of time will be granted for every absence of 5 or more consecutive meals, provided arrangements are made before hand. This boarder service wil lonly be given at the noon hour to the regular patrons, as the dining-room is too crowded.

The counter service has been improved by the addition of a pastry counter, to the old lunch counter, from which the men will obtain pies, cereals, ice creams, salads, etc., while the old counter will supply the regular hot dishes and bread and butter. On leaving the counter each man's purchases will be appraised by a checker who will punch the amount on the ticket.

The installation of a bakery, complete with an electric furnace and in charge of an experienced pastry cook and baker, will bring the Union breads and pies to a higher state of perfection, besides insuring the freshness of the supply.

Under the management of the President's assistant, aided by the Dining Room Committee, an earnest endeavor will be made to have the service satisfactory to the students, in speed as well as quality.

The hours for meals will be as follows:

Week-days.

Breakfast: 7.30-9.00. Lunch: 12-2, Dinner: 6-7.

Sundays.

Breakfast: 8.30-10. Dinner: 1-2. Supper: 6-7.

Twenty-five cent breakfast and 40 cent dinners will be served to any student, but there will be no such lunch service.

FRESHMEN REGISTER

Changes Made to Insure Small Sections of Uniform Size

In the registration of freshmen Registrar Humphreys made a marked change in the division of the entering class into sections. In former years an estimate of the probable number and of the relative proportion allotted to each initial letter was necessary. Under the revised system, the freshman on arrival, registers for Chemistry A or B, and on handing his card to the clerk, is assigned to a section with German or French, according to which is prescribed for him. In this way, when a certain number of men have been assigned to one section, the clerk assigns any additional men to another section, which has not its full quota. In this way a definite number of pupils will compose a section, and any crowding due to the previous estimate system will be eliminated. On assignment to a section, the student then makes out the attendance card and roll slips as formerly.

FOWNES GLOVES

mean right gloves—
so buy FOWNES and save trouble.

Furniture for Students' Rooms

Well Made and Practical Furniture for Every Purpose at Moderate Prices

Our immense assortments offer every opportunity for tasteful selection at lower prices for equal qualities than would be possible in any smaller establishment. We have made a spceial study of student's needs and are prepared to meet every requirement.

STUDENTS' DESKS—42 inches wide, strongly made, weathered finish Price 7.25

DESK CHAIRS—Weathered oak, adjustable chairs. Price 5.50

STUDENTS' DESKS—Double bank of drawers, sliding trays, centre drawer. Price..... 12.50

ROLL TOP DESKS—48 in. wide, double bank of drawers, sliding trays, numerous pigeon holes, weathered or golden oak. Price 26.50

WEATHERED OAK COSTUMERS — Double and single hooks, strong base. Price 3.00

OAK BOOKCASES—34 inches wide, adjustable shelves, weathered or golden finish. Price 8.00

MISSION CHAIRS—Quartered oak frames, Spanish leather seats. Price 6.00

MISSION ROCKERS—Large heavy frames, extra high backs, Spanish leather seat cushion. Price..... 11.00

MORRIS CHAIR FRAMES—Golden or weathered oak, wide arms. Price..... 4.50

OAK ARM CHAIRS—Wood seats, spindle backs, weathed or golden. Price 2.50

GOLDEN OAK CHIFFONIERES—Fine easy running drawers, large plate mirror. Price..... 8.25

BUREAUS—40 inches wide, 22 in. x 28 in. oval mirror. 4 drawers, weathered finish. Price..... 14.50

IRON BEDS—Brass trimmings, all sizes. Price.. 5.00

Hygienic Bedding—A large selection of pillows, mattresses and upholstered springs at lowest prices for goods of quality.

Our Contract Office We employ a corps of experienced decorators who are ready at all times to consult with or advise you as to the furnishing of your room or suite. Estimates submitted free of charge.

Jordan Marsh Company
HOUSEFURNISHING ANNEX.

PHILLIPS' BACK BAY EXPRESS

Baggage Transferred from all Stations

FREIGHT WORK OF ALL KINDS PROMPTLY ATTENDED TO

Office Telephone 978 Back Bay
Stable Telephone 1925-1 Roxbury

32 Court Square
34 St. James Avenue

DEPARTMENTAL CHANGES.

(Continued from First Page.)

Frank M. Gracy has received the appointment of instructor in mechanical drawing and descriptive geometry, while the following have been appointed assistants in the department of civil engineering; H. G. Alford, F. R. Faulkner '09, R. L. Carey '09, and A. L. Shaw '09. Charles Allen, one of last year's appointees to the staff has given up his position to accept a lucrative position in a shoe manufactory in Spencer.

Eliot W. Taylor and Robert E. Thayer have been advanced from assistants to instructors in the mechanical engineering department. Everett O. Hiller is a new instructor.

Professor George C. Shaad of the electrical engineering department has resigned to accept the post as head of the department of electrical engineering in the University of Kansas. His successor has not been chosen. Professor Shaad was a graduate of the Pennsylvania State College in the class of 1900, receiving the degree of "Electrical Engineer" in 1905. He came to Technology in 1906 from the faculty of the University of Wisconsin. He is a member of the American Institute of Electrical Engineers, the American Street and Interburban Railway Association, the Illuminating Engineering Society, the Society for the Promotion of Engineering Education, and the National Electric Light Association.

The following new assistants have been appointed in the electrical department: R. C. Glancy of Waltham, G. H. Gray of Arlington, both of this year's graduating class, and I. H. Van Horn of the University of Wisconsin. Instructor H. G. Crane will go to Harvard under Professor Clifford.

Prof. F. S. Woods, of the mathematical department, joint author with Professor Baily of the new textbook of mathematics, has been granted a year's leave of absence which he will spend in mathematical work in Germany and Paris. Dr. N. J. Lennes has been appointed instructor for the year, and Dr. C. L. E. Moore has been promoted to the rank of assistant professor. Professor Harry Tyler, has accepted the chairmanship of the national committee on the teaching of mathematics in technical colleges and departments. It is hoped that the work of this committee when correlated with that of similar committees in other countries will prove of much value and importance. Reports are expected to be presented at the international mathematical congress at Cambridge, England, in 1912.

Dr. Augustus H. Gill of the department of chemistry has been promoted from associate professor to occupy a full professor's portfolio. Graham Edgar and Stroud Jordan have been appointed instructors, the latter succeeding Dr. Peter S. Burns, resigned. The following assistants from this year's graduating class have been assigned to the chemical department: Harold W. Paine, Carl W. Gram, John A. Christie and Rae E. Blankenbuehler. Paul S. Fiske, an assistant last year, has a trvelling scholarship for study of chemistry in Germany.

Louis G. Beers, who was appointed assistant last June following his graduation and a successful thesis which attracted considerable attention on faults in plating cooking utensils, recently accepted an offer from a prominent Atlanta, Ga., firm to manage a factory.

The directorship of the research laboratory of physical chemistry is in the hands of Dr. Arthur A. Noyes, who gave up his research work largely during his acting presidency of the institute. Dr. William D. Harkins and Richard C. Tolman will act as research associates, while Frank L. Hunt 1909 succeeds R. D. Gale as assistant in the same laboratory.

Courses in applied chemistry dealing with the application of this science to the more common walks of life will be given this year to advanced students and those taking graduate courses. The laboratory will be in charge of Dr. William H. Walker.

Dr. Charles W. Warren, assistant professor of minerology, has been advanced to the grade of associate professor. Edmund H. Squire is made instructor in physics, following a two year's apprenticeship as assistant in the heat laboratory under Professor Charles Norton.

Professor S. C. Prescott of the department of biology has been appointed milk inspector of the town of Belmont, and has been elected chairman of the committee on commercial training of the board of trustees of the Sanborn Seminary, Kingston, N. H. He is at present at the Seattle fair where he is studying biological and sanitary exhibits.

Professor C. E. A. Winslow of the same department has been granted a leave of absence for the months of January-March, 1910, to accept an appointment as assistant professor of bacteriology at the University of Chicago for the winter term when he will take the place of Professor E. O. Jordan, M. I. T. 1890, who goes to Europe. Professor Winslow has recently published a treatise on the "Sanitary Significance of Bacteria in Sewer Air."

FIELD DAY PLANS.

(Continued from First Page.)

all candidates to report daily beginning at once. They have some plans for this year's team which they have not yet divulged, but which they expect to be valuable in helping to turn a winning team.

The activity of the tug-of-war-team has not been so pronounced yet, but with the majority of last year's team as a nucleus and so many heavy men in the class, backed by intense enthusiasm for another 1912 victory, the sophomores feel little in that direction.

However, the freshmen will undoubtedly get together in a few days and will make a determined effort to produce a combination that can defeat 1912, especially as the honor will be all the greater in view of 1912's showing last year. To do this the entering class will have to produce some very fast men, both on the gridiron and the track, and then only persevering practice and good team work will avail them.

FRESHMAN DRILL.

(Continued from First Page.)

With the new year and the coming of Major Louis B. Lawton, U. S. A., who is now to take charge, a new arrangement is to come into force.

Here-to-fore the drill has been on Wednesday afternoon from two to four o'clock. This has now been changed. The freshmen will be divided into two sections. One section will drill Mondays and Wednesday and the other on Wednesdays and Fridays. That is—on Mondays and Fridays there will be company drill and on Wednesdays, battalion drill. Thus—in combination with the physical training, 1913 will get exercise of some kind five days in the week.

Major Lawton is a graduate of West Point, has been in active service during the Boxer uprising at Pekin, where he was severely wounded. His retirement was due to this.

Union Dining Room.

Regular meals will be served at the Dining Room beginning Wednesday morning, September 29th, in accordance with the announcement issued by the Dining Room Committee. One change has been made, however. It was announced that an extension of time would be granted to regular borders in case of absence for six or more consecutive meals. For the benefit of fellows who go home Saturday afternoon, this limit has been changed to five consecutive meals, instead of six. This will allow men leaving town Saturday afternoon and returning Monday morning to take advantage of the extension privilege.

The supreme effort of the Commission in charge of the Hudson-Fulton celebration in New York was manifested yesterday in the form of a monster pageant, in which nearly 20,000 people posed as historic personages on a series of remarkable floats.

In a speech at Spokane yesterday, President Taft declared his intention of asking Congress for $10,000,000 to complete the irrigation projects in the West, on which work has been stopped for lack of funds. He plans to continue the Roosevelt policies in regard to the Conservation of National Resources.

Dr. Frederick A. Cook, the Arctic explorer, is to lecture in Symphony Hall, Friday evening, on his recent adventures in the Frozen North.

M. A. H. S. Club Active.

According to its custom the Mechanic Arts High School Club has been, and is up to 10 A. M. today, registering the men from that school.

The Pennsylvania Railroad has ordered 200,360 tons of steel rails for 1910.

OPEN YOUR BANK ACCOUNT WITH THE

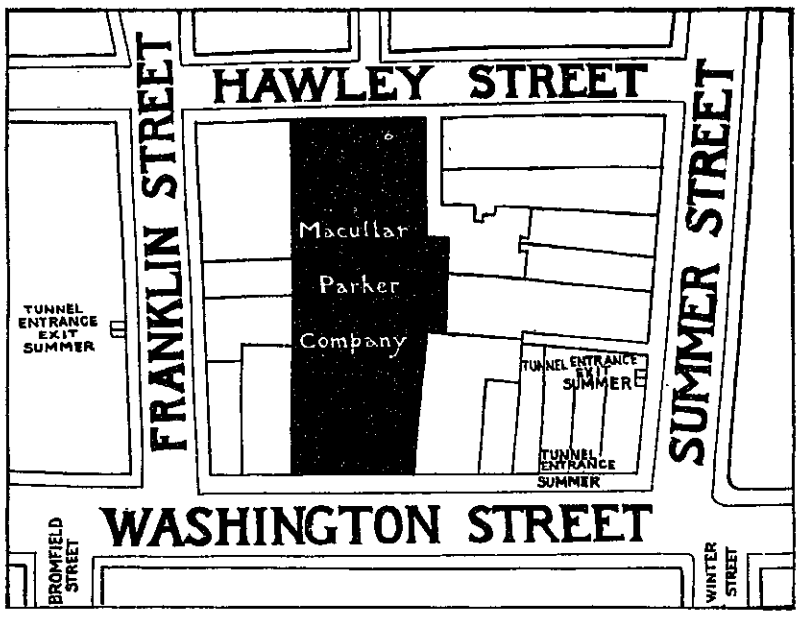
National Shawmut Bank

BOSTON

CAPITAL AND SURPLUS OVER

EIGHT MILLION DOLLARS

Location of Our Store



CORRECT CLOTHES

for Students Made in One Workshop on the Premises and Ready for Immediate Use.

FINE FURNISHING GOODS.

Macullar Parker Company

400 Washington Street

SMULLEN & CO.

TAILORS

51 SUMMER ST., cor. Chauncey St.

Highest Grades : Popular Prices

All Goods Required by Students at

Maclachlan's

502 Boylston St.

Drawing Instruments and Materials, etc.
Fountain Pens, Text-Books

Tel. 1597-1 B. B.

MISS SAWYER

MULTIGRAPHING
TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg.

2IN ARCADE
ARROW
CLUPECO SHRUNK
QUARTER SIZE COLLAR
Laudrymen say these collars launder easier and more times than any others. If you want service, style and perfect fit, insist on the Arrow mark.
15 cents each, 2 for 25 cents,
CLUETT, PEABODY & CO.
Makers of Cluett Shirts

YOUNG MEN'S HATS
for every occasion
Collins & Fairbanks Co.
383 Washington St.

YOU
CAN HELP
MAKE
The Tech
A DAILY

Buy a Copy Every Day

ALSO
The Tech

Offers Opportunities
for Mutual Benefit
In the Competitions
for the Various Offices

IN NEWS
ADVERTISING
AND CIRCULATION

Those in charge of each of these departments can be found in THE TECH Office from 8:30 to 9:00 daily.

NOTICES.

1911.

1911 CLASS PIPES.—Order now! At the Union or from the committee. . . .
W. J. SELIGMAN.
J. U. SCOVILLE.
M. COFFIN.
W. C. SALISBURY.

1913.

FIRST YEAR ENGLISH.

Students will report for the first recitation as follows:

WEDNESDAY AT 12.
Sections 2, 6, 13, 18, 20, 22.
A to D, Mr. Carb, 21 Rogers.
E to K, Mr. Batchelor, 42 Rogers.
L to P, Mr. Gunn, 44 Rogers.
Q to Z, Mr. Collester, 29 Lowell.

THURSDAY AT 10.
Sections 11, 15, 17, 19, 21.
A to D, Mr. Carb, 11 Rogers.
E to K, Mr. Batchelor, 42 Rogers.
L to P, Mr. Collester, 44 Rogers.
Q to Z, Asst. Prof. Seaver, 29 Lowell.

THURSDAY AT 12.
Sections 7, 8, 9, 10, 12, 14.
A to D, Mr. Gunn, 23 Lowell.
E to K, Mr. Carb, 42 Rogers.
L to P, Asso. Prof. Pearson, 44 Rogers
Q to Z, Prof. Bates, 16 Rogers.

FRIDAY AT 12.
Sections 1, 3, 4, 5, 16.
A to D, Asst. Prof. Seaver, 11 Rogers.
E to K, Mr. Gunn, 42 Rogers.
L to P, Mr. Collester, 44 Rogers.
Q to Z, Asst. Prof. Robinson, 26 Rogers.

1913. FOR SALE.—Drill suit and good set drawing instruments. Apply evenings to H. W. Hall, 19 St. Botolph St.

FOR SALE.—Officers' uniform, custom tailored. 4711 Tech. L. G. Glazier.

Tickets for Freshmen Dinner will be on sale immediately after meeting in Huntington Hall, Wednesday afternoon.

General.

Beginning tomorrow, The Tech will not be on sale until 11:55, when it can be obtained at the usual places.

SPANISH LANGUAGE PHONOGRAPH Outfit for sale. A. W. Wells, Information Office, Rogers Building.

NOTICE.

All books for Tech Show, 1910, must be in before November 1. Numbered envelopes may be obtained at the Cage. The book should be numbered correspondingly, the name and address of the author placed in the envelope, and both left at the Cage for Kenneth Greenleaf, Stage Manager. All who cannot have their productions complete by that time should communicate with Francis before October 22. Further information may be had of Stage Manager Greenleaf.

The attention of students is called to the copy of the Cigarette Bill posted at the Cage in accordance with the law. The co-operation of all, and especially of students under 18 years of age, is earnestly requested, so as to avoid the possibility of legal complications.

Exceptionally pleasant steam heated parlor in private suite, elevator service. Suitable for two. 119 Burkeley street, suite 4. 8-7-'09

TECH-HARVARD RACE

Negotiations Pending for Sixth Annual Race on Field Day

Through negotiations just commenced with Harvard, it is hoped that the cross country run will take place as in previous years. During the last 5 years Technology has won 3 of the annual races, and Harvard, 2. Although Technology has lost 4 of the 7 men who represented her in the intercollegiate cross country race at Princeton last fall, the indications are that good material for a new team is not lacking. This race finishing as it has, at the field and in the midst of Field Day events, has always met with an enthusiastic welcome at the finish and gives the men a good try-out for the intercollegiate race which follows. The form of a number of men improved during the spring, until the prospects are now very favorable for a good race if the arrangements can be made.

HARE AND HOUNDS

Saturday afternoon all old men and all new men at the Institute are invited out to Hyde Park for the first Hare and Hounds run.

Coach Kanaly, Chase Capt. Eldred and Cross Country Capt. Jacobs will be out with the men and a good time is promised.

Capt. Eldred will be in charge and says that there will be but one squad and the pace will be slow so that all can keep up.

The train leaves Trinity Place station for Hyde Park at 2.19 P. M. and a good crowd is expected.

Coach Kanaly will be in the Union Wednesday, between 1 and 2 to meet the men both old and new who expect to come out for the various teams this year.

TASHA Turkish Cigarettes

15c per package of 10
65c " " " 50
$1.25 " " " 100

The Smoothest blend
you have ever smoked

If your dealer cannot supply you we will send by mail upon receipt of price

Estabrook & Eaton, Boston, Distributors.

THE OLD CORNER BOOKSTORE
Headquarters for all
Student Text Books
27 and 29 Bromfield Street
BOSTON
Tel. Main 4706.

Tech Men Should Patronize
E. A. Maynard
HAIR DRESSING PARLOR
GARRISON HALL
Garrison & St. Botolph Streets
Near Tech Gym
FIRST-CLASS WORK
By Competent Barbers
Hair Cut 25c Shave 15c

Morse & Henderson
TAILORS
18 BOYLSTON ST., BOSTON
Rooms 14-15. Tel. Oxford 99
Our Materials for Fall and Winter are ready for your inspection.
SPECIAL DICOUNT TO TECH MEN.

UNION DINING ROOM
MENU
Sept. 29th, 1909.
CHICKEN A LA CREOLE.
EMINCE OF LAMB.
ROAST RIB OF PRIME BEEF au Jus.
MASHED POTATOES GREEN CORN
ICE CREAM COFFEE
40 Cents

Miss M. F. Fisk
THE RED GLOVE SHOP
322 Boylston St., opp. Arlington
is showing a handsome shade in men's chamois gloves at $1.50 a pair. Other makes at this price are Fownes and Dent's in the popular cape leather in handsome shades of tan.

"The Girls Are Fond of These"
Tech Emblems
Greatest Variety
Lowest Prices
BENT & BUSH
15 School Street BOSTON

GEO. H. ELLIS CO
Printers
No. 272 CONGRESS STREET
BOSTON, MASS
Phone, 1549